



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

40/100/400G Multimode 50/125 OM4 Fiber Optic Cable (3x8F MTP/MPO-PC F/F), LSZH, Magenta, 10 m (32.8 ft.)

MODEL NUMBER: **N858B-10M-3X8MG**



400GbE Ethernet cable extends high-density connections between network components in enterprise applications in wiring closets, telecom rooms and data centers.

Features

40/100/400 GbE Cable Supports Higher Bandwidths Needed for High-Density Data Networking

The N858B-10M-3X8MG is a premium multimode fiber optic cable that supports 400 Gb Ethernet speeds for transmitting data and voice signals over short distances. It is designed to support higher bandwidths in cloud services, hyperscale data centers, telecom applications and equipment OEM companies. This multimode 50/125 OM4 cable is an ideal choice for 400 Gb Ethernet applications up to 100 meters (328 feet) at 850 nm. It is also backward compatible with 10 Gb, 25 Gb and 40 Gb networks, so you can future-proof your current application for an eventual upgrade to 100 Gb or 400 Gb.

Magenta-Colored Jacket Helps Avoid Misidentification That Can Cause Costly Downtime

The OM4-rated cable has a magenta jacket to identify it as multimode in a crowded patch panel or switch and prevent it from becoming accidentally disconnected. The round low-smoke zero-halogen (LSZH) jacket limits the amount of toxic smoke emitted in case of combustion, making it suitable for poorly ventilated areas. The connectors' slim boots and magenta housings allow easy one-handed installation and removal of the cable.

Specifications

OVERVIEW	
UPC Code	037332273178
Technology	Multimode
Optical Mode	OM4
Mode Type	Multimode
PHYSICAL	

Highlights

- OM4-rated cable recommended for 400 Gb speeds up to 100 meters (@ 850 nm)
- Backward compatible with 10/25/40/100 Gb networks to facilitate future-proofing
- Magenta LSZH jacket allows fast, easy identification in a crowded switch or patch panel

Package Includes

N858B-10M-3X8MG 40/100/400G Multimode 50/125 OM4 Fiber Optic Cable, Magenta, 10 m (32.8 ft.)



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Cable Jacket Color	Magenta
Connector Color	Black; Magenta
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Cable Outer Diameter (OD)	4.5MM
Clad Diameter (microns)	125.0
Core Diameter (microns)	50.0
Primary Coating Diameter (microns)	245.0
Number of Fibers	24
Cable Length (ft.)	32.81
Cable Length (m)	10.00
Cable Length (in.)	433.1
Minimum Bend Radius	20MM (DYNAMIC); 10MM (STATIC)
ENVIRONMENTAL	
Operating Temperature Range	14 TO 140 F (-10 TO 60 C)
Storage Temperature Range	14 TO 140 F (-10 TO 60 C)
Operating Humidity Range	5% TO 85% RH, NON-CONDENSING
Storage Humidity Range	5% TO 85% RH, NON-CONDENSING
COMMUNICATIONS	
Network Compatibility	40 Gbps; 100 Gbps; 400 Gbps
Wavelength	1300nm; 850nm
Attenuation @ 850NM	3.5dB/KM
Attenuation @ 1300NM	1.5dB/KM
Insertion Loss	LESS THAN OR EQUAL TO 0.35dB
CONNECTIONS	
Side A - Connector 1	12-STRAND MTP/MPO (FEMALE)
Side B - Connector 1	24-STRAND MTP/MPO (FEMALE)
Endface Polish	PC
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	No
Optical Port	MPO/MTP
Breakout	Yes
Trunk	Yes



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

STANDARDS & COMPLIANCE	
Product Certifications	UL 1666
Product Compliance	RoHS; CE (Europe); REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2022 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>